

For Research Use Only

# IGF2BP2 Recombinant antibody

Catalog Number: 82757-2-RR



## Basic Information

<b>Catalog Number:</b> 82757-2-RR	<b>GenBank Accession Number:</b> BC021290	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10644	<b>CloneNo.:</b> 6L8
<b>Source:</b> Rabbit	<b>Full Name:</b> insulin-like growth factor 2 mRNA binding protein 2	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IP 0.5-4.0 ug for IP and 1:1000-1:8000 for WB
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 594 aa, 65 kDa	<b>IHC 1:500-1:2000</b>
<b>Immunogen Catalog Number:</b> AG2142	<b>Observed MW:</b> 55-65 kDa	

## Applications

### Tested Applications:

IHC, IP, WB, ELISA

### Species Specificity:

Human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB:** HeLa cells, mouse kidney tissue, rat kidney tissue

**IP:** HEK-293 cells,

**IHC:** mouse kidney tissue, human pancreas cancer tissue

## Background Information

Insulin-like growth factor 2 mRNA-binding protein 2(IGF2BP2), is a member of a family of mRNA binding protein, which can bind to several mammalian cells' mRNAs. Thus it may involve in the regulation of translation of mRNA. IGF2BP2's polymorphisms is risk factor for developing type 2 diabetes. This antibody raise against part of N-terminus of human IGF2BP2. IGF2BP2 has some isoforms with the MW of 54-66 kDa. Some literature has reported that multiple bands can be detected (PMID: 22427968, 36322753, 23069990).

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

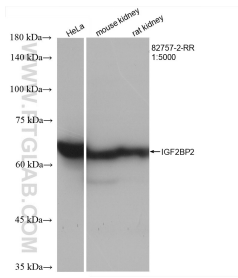
For technical support and original validation data for this product please contact:

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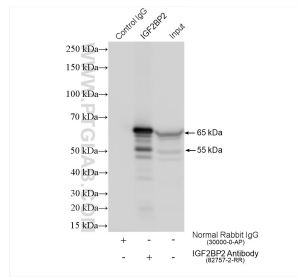
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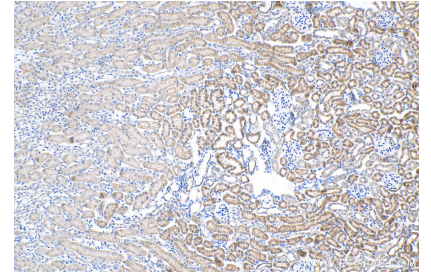
## Selected Validation Data



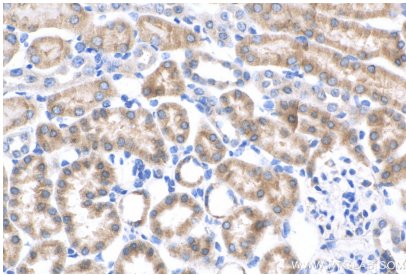
Various lysates were subjected to SDS PAGE followed by western blot with 82757-2-RR (IGF2BP2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-IGF2BP2(IP:82757-2-RR, 4ug; Detection:82757-2-RR 1:4000) with HEK-293 lysate 1480 ug.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 82757-2-RR (IGF2BP2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 82757-2-RR (IGF2BP2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).